

1
2 UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

3 PUBLIC MEETING IN RE: PROPOSED)
4)
5 SOIL CLEANUP PLAN FOR)
6)
7 MATTHIESSEN & HEGELER ZINC)
8)
9 SUPERFUND SITE)

10 REPORT OF PROCEEDINGS of the public meeting
11 held on the 20th day of October, 2015, at the
12 LaSalle-Peru Township High School, 541 Chartres Street,
13 LaSalle, Illinois, at 7:00 p.m.

14 PRESIDED BY:

15 MS. TERESA R. JONES
16 Community Involvement Coordinator

17 PRESENTED BY:

18 MS. DEMAREE COLLIER
19 Remedial Project Manager
20
21
22
23

1 MS. JONES: May I have everyone's attention,
2 please? We're getting ready to get started.

3 Good evening, everyone, and we thank you
4 for coming out for the Matthiessen & Hegeler proposed
5 plan meeting. My name is Teresa Jones, and I'm the
6 community involvement coordinator with U.S. EPA. And
7 also I would like to make note it's our understanding
8 that some of you all didn't find out about the meeting
9 until yesterday, so we apologize for that. We had a
10 glitch with our mail system, so if there is anyone else
11 that needs any information, if they could just speak up
12 so we'll know, and actually if it's deemed necessary,
13 we can schedule another meeting in that case.

14 So at this time I would like to
15 introduce everyone to the site team. I'll start out
16 with our project manager for the site. That's Demaree
17 Collier, right here. She's the project manager for the
18 site. And also we have with us Ruth Muhtsun, and she
19 is also with the U.S. EPA, a community involvement
20 coordinator. We also have Mike Haggitt with the State
21 of Illinois EPA. We also have Scott Brockway, an EPA
22 contractor. Also with us Eric Morton, EPA contractor,
23 and Ray Mastrolonardo. He's also a subcontractor for

1 the U.S. EPA. And also outside we have Gina Campuzano.
2 She is also an EPA contractor.

3 Um, before we get started, I'd like to
4 go over a few ground rules. If anyone has their cell
5 phone on, we ask that you silence those at this time so
6 that there's no interruptions. And we're going to
7 start out with a presentation by Demaree Collier, and
8 if you have any questions, we ask that you hold those
9 until the end of the presentation, and we'll allow time
10 for a few questions at that time. Then afterwards
11 we'll go into the comment period. So if anyone has a
12 comment, we ask that you sign in in the back so that we
13 are aware that you'd like to make a comment. And if
14 your comment is in the form of a question, you can do
15 that as well, and when we get to that point we'll
16 provide you with further instructions.

17 So with no further ado, I'll turn the
18 meeting over to Demaree. Thank you.

19 MS. COLLIER: I talk loud, but I'm going to
20 grab the microphone just in case for those in the back.
21 Hopefully, if I -- here we go. Can everybody hear me
22 pretty good? All right. Good.

23 So again, as Teresa said, I really do

1 want to apologize for the late mailing that came to
2 everybody. We just found out yesterday afternoon that
3 people were receiving them late. They were supposed to
4 have been sent out at least two weeks ago, so if
5 there's issues with, you know, other people that you
6 know of that couldn't make it or yourselves and you
7 would like to do another one of these, we'd be more
8 than happy to put on another show. You know, we can
9 make it more informal if you'd like at that time, but
10 we are here to serve you. I mean, that is our job, to
11 serve you, especially as the residents of LaSalle.

12 So with that being said, we went through
13 kind of the overall. This is the site team that I work
14 with. Everybody from the State agency is through my
15 contractors, and our contact information or at least
16 mine is at the end, so if you need to, you can copy
17 that down.

18 A real brief agenda of what I plan to
19 cover tonight. What we're here to do is really present
20 to the public our EPA proposed cleanup plan that deals
21 with the Matthiessen & Hegeler Zinc site. So instead
22 of us just doing the actual work at the site, we're
23 here to get your feedback and any questions, comments

1 or concerns that you as a community have. So for the
2 agenda, we're just going to go over a brief site
3 history, which I'm guessing more of you know the site
4 history than I probably even do. A summary of what the
5 real risks are at the site, description of the various
6 cleanup alternatives that we looked at for the site,
7 and then we'll do our Q and A and take any formal
8 public comments that would actually go into the record
9 and would be addressed in our decision documents.

10 So this is the site. You can kind of --
11 I'm going to try and use this pointer here. You can
12 see we basically have two distinct portions of the site
13 called operable units, and that basically is dividing
14 the site up. So our first operable unit is Carus
15 Chemical Company. The second operable unit is the main
16 former Matthiessen & Hegeler Zinc site. The operable
17 unit number one also involves the Little Vermilion
18 River, and then operable unit two also involves a large
19 residential area that extends out to the west, and I'll
20 go over those in a little more detail as to what those
21 exactly mean.

22 Briefly, because as I said there are
23 probably people that know a bunch more than I do about

1 the history, the M&H plant starting with Carus Chemical
2 started production in 1915. They still currently
3 operate today. Their main production is potassium
4 permanganate, which is an environmental chemical that
5 they produce, and they employ at least 100 or so
6 employees. So they are still operating today but are
7 still considered part of the site. The zinc rolling
8 mill that is the former Matthiessen & Hegeler Company,
9 they started production smelting in 1858, so they
10 obviously were around during kind of the heyday of zinc
11 production. They then operated a rolling mill and
12 produced zinc sheets for purposes of pennies and other
13 needed material. By-products from that generated
14 ammonium sulfate, so they converted that into
15 fertilizer, so there was some fertilizer production
16 also at the plant. They also had a coal mine or might
17 be more, a couple of coal mines that were on site that
18 they used for coal purposes in zinc production. Also
19 they had sulfuric acid that they manufactured, which
20 again is a by-product from the actual smelting
21 operation. That carried through until 1968, and then
22 in the more recent history, 1980 through 2000, it was
23 LaSalle Rolling Mill, and they made -- basically did --

1 that's when they made the penny blanks for the U.S.
2 Mint. They then closed production in 2000 and declared
3 bankruptcy at that point, but the rolling mill still
4 exists today, and last we knew it was still being used
5 for warehousing. No further smelting was done. That
6 ended in around 2000. So basically at this point we
7 have the rolling mill that just functions solely as a
8 warehouse.

9 What we have now -- let me back up here
10 just a bit. I should also mention that when we loaded
11 those sites and divided them into two units, we first
12 got involved with the site -- actually, the Illinois
13 EPA started this involvement back in around 1991. They
14 became aware of some, you know, environmental issues at
15 the site. The Illinois Department of Public Health and
16 Fish and Wildlife Service and the ATSDR, which is kind
17 of our toxicological group that, you know, gets
18 involved with the Department of Public Health, they
19 got -- they became involved with the site in 1999.

20 We listed the site on what is called our
21 national priority list in 2003, and that basically
22 means that there was chemical contamination or some
23 kind of contamination on the site that warranted EPA to

1 go and investigate what the exact contamination and
2 nature and extent of it. So this site got listed on
3 our NPL list because we knew that it had slag spread
4 across the site, but we also knew there was a really
5 large slag pile that exists on the site and kind of was
6 eroding into the Little Vermilion River, and that did
7 have chemical concentrations that exceeded what was
8 considered safe at that point. So we became involved
9 in 2003 and listed the site.

10 We have done a couple of small actions
11 out there at that time or since then which basically we
12 called an EPA emergency removal program to take a
13 couple of little emergency actions at the site.
14 Basically there was some asbestos piping. There was a
15 few things within the rolling mill that needed to be
16 kind of dealt with on more of an emergency type basis.
17 So at this point now, we are in the full remedial part
18 of the program, which I'll explain here in just a sec.

19 So kind of stepping a little back then,
20 we did sign an order with Carus Chemical Company that
21 delegated what was -- what we would do at the site. So
22 Carus Chemical Company stepped up and said they would
23 be responsible for investigating what we call operable

1 unit one, which again is that lower portion of the site
2 that consists of Carus Chemical's plant site, the large
3 slag pile and the Little Vermilion River. EPA then
4 took the duty of investigating operable unit two, which
5 is about 180 acres of the former smelting site and then
6 the 5,000 or so residences that lie, you know, to the
7 west of the site.

8 This gives a little bit of a breakdown,
9 and I'm not sure how well you can see it, but if you
10 want to look after, it's also on this map over here.
11 This is breaking down at the site into distinct areas,
12 so that when we went out to investigate these areas, it
13 wasn't just 200 acres of land. We took these and broke
14 them down a bit so they were a little bit more
15 manageable for us.

16 So we have -- if you can see kind of the
17 site, the blue line dividing, the blue line is the
18 Little Vermilion River. For OU1 we have Carus plant
19 area, we have the slag pile area, and then we have the
20 Little Vermilion River. For operable unit two, which
21 is the former rolling mill, we have the rolling mill
22 area itself, a little kind of hot spot of contamination
23 that we call building 100, the main plant area which is

1 where the bulk of the smelting process took place, a
2 couple of little wooded areas in the most northern part
3 of the site that were also investigated, and then the
4 very large residential area.

5 So now I know at this point it's kind of
6 probably becoming a little blurred, like where are we
7 going. So this is our Superfund process. What we do
8 in the remedial part of Superfund is we have to start
9 off by investigating the site. So we investigate the
10 site, find out what the nature and extent of the
11 contamination is. Once we've completed that, we do a
12 public feasibility study, and that's where we look at a
13 range of cleanup activity for all portions of the site.

14 So at this point we are just underneath
15 that. We are at a proposed plan stage, which is
16 basically when we come to the community and we ask for
17 opinion on what EPA is preferring to elect as its
18 cleanup method or its clean up strategy at the site and
19 ask for opinion on that. After we get done with the
20 proposed plan, I then write what is called a record of
21 decision, and that's basically what the decision is to
22 address the site. Once that record of decision is
23 done, then we move into the actual starting of the, you

1 know, getting closer to actually cleaning up the site.
2 We have to do a design, design how we're going to clean
3 up the site. And then, finally, we get into the actual
4 remedial action of cleanup of the site, and then
5 depending on the type of site, there's something called
6 a five-year review. Basically, every five years EPA
7 has to come back and make sure that the remedy elected
8 is still functioning as intended and that nothing has
9 kind of gone wrong or, you know, anything has run
10 amiss. So right now we are really at the proposed plan
11 stage for M&H.

12 Now, to give you -- I'm going to go
13 through now basically and address the areas at each
14 distinct area within each operable unit. We'll start
15 with OU1, which is kind of how we run through, OU1 and
16 then OU2, so it's kind of -- we kind of keep it in some
17 kind of sequence.

18 So you can see just from the photos, you
19 know, the one on everybody's left is what's left of the
20 former rolling mill -- or the former smelting area.
21 You can see the black slag strewn across the site. It
22 was pretty decayed and, you know, a lot of buildings
23 that are crumbling. This is pretty much what the site

1 looked like in the main industrial area.

2 And then the photo on the left is our
3 lovely -- the dirt bike ramps that apparently we have
4 out there. I know that there's some kids getting a
5 good time running their dirt bikes up ramps, and I
6 don't know where they got all that sand, but it looks
7 pretty nice. Someone did a good job constructing that,
8 but you can see we have obvious evidence of trespassing
9 at the site.

10 So I'm just going to show some photos
11 throughout so everybody gets a little idea.

12 All right. Starting with OU1, again,
13 just to reiterate, we have the plant area, this large
14 slag pile area, which the slag pile area is about 29
15 acres. And I don't know if people have really ever
16 seen the slag pile, but it's basically like you're
17 standing on top of a 10-foot -- story building and
18 looking down at the river, and if you took a wrong
19 step, you're going to slide all the way into the river.
20 So it's a significant large pile of slag. And then we
21 also have the Little Vermilion River.

22 For operable unit two, again we have it
23 broken out into our different areas. Not to get too

1 into the detail here, but this is kind of where the
2 main plant area is. This is the rolling mill. This is
3 the little hot spot. These are the wooded areas up
4 here, and then we have our large residential area over
5 here. This purple area is across the river, kind of
6 along where the cemetery and the cement plant are. We
7 didn't find any risk over there, so they are not really
8 involved with this site at this point. We eliminated
9 that part of the land because it didn't have any
10 significant risk. I should also say that this up here
11 (indicating) really didn't have any significant risk
12 also. There was a little bit of ecological risk, but
13 we evaluated it. If we went out there and dug out all
14 the soil that was causing any problems, we would cause
15 a lot more devastation and harm by doing that than
16 letting the ecolife kind of restore itself as it's very
17 evident that you can see out there that it's doing.

18 All right. Now we get into the risk,
19 what are the risks at the site, and you know, what does
20 really all of this investigation mean. So, again,
21 we'll go through each of the areas. I should mention
22 we did evaluate sitewide groundwater, and I'll go over
23 that in a bit, but as you notice, the starred areas,

1 those are the areas that basically there was no or
2 minimal risk found in those particular areas, so they
3 don't have a cleanup proposal associated with them
4 because there's no risk to either human health or the
5 environment in the starred areas.

6 All right. So for OU1, our main
7 chemicals of concern there is metals and SVOCs, which
8 are semi-volatile organic compounds. Those are kind
9 of, you know, I would say like trichloroethane, things
10 they have at dry-cleaners, stuff like that, which we
11 have a little bit of evidence, and they use that in a
12 lot of industrial purposes. We have some evidence of,
13 you know, that, metals, SVOCs for both plant areas we
14 have metal and then metals in the groundwater that we
15 found exceeding levels that could potentially cause
16 risks.

17 For OU2, we have again metals, which is
18 very, very predominant throughout the entire site, some
19 pesticides, some organics, some asbestos and some PCBs,
20 and those, the PCBs and the pesticides, are primarily
21 located in distinct areas in the main industrial area
22 or adjacent to the main industrial area. What people
23 really kind of want to know about is the residential

1 soil, so the residential soil does have metal
2 contamination in it which we will be addressing.

3 These are the risks associated with
4 operable unit one that come down to what is the human
5 health risk, you know, if you were to go in Carus
6 Chemical on the plant area. The cancer and noncancer
7 risks are within what we call the acceptable risk
8 range. The acceptable risk range is how EPA evaluates
9 taking a risk throughout the Superfund property. So
10 our cancer risk range is -- we use one in 10,000 to one
11 in a million is acceptable. If you get under one in
12 10,000, that becomes nonacceptable, and this is
13 standard throughout any Superfund site. So for this
14 particular instance in the plant area, there are no
15 cancer risks and no noncancer risks, because there's
16 certain metals or certain chemicals that may cause a
17 noncancer risk, but it still could cause another sort
18 of, you know, ingestion risk that may not be cancer
19 related. Basically, they break them up into two
20 distinct, cancer versus noncancer. So there is no
21 cancer or noncancer risks in the plant area; however,
22 we do have lead concentrations that exceed 800
23 micrograms per kilogram, which is high, and that

1 basically does require EPA to abate the risk associated
2 with that particular area.

3 Um, for the slag pile area, again, we
4 are below or within the cancer and noncancer risk
5 range, and we do have lead concentrations at above 800
6 in about half of the samples, and 800 is kind of our
7 industrial benchmark for lead. If it's above 800, it's
8 exceeding what is acceptable for an industrial
9 scenario, and obviously with it being Carus Chemical,
10 it is an industrial scenario.

11 All right. For the river, the Little
12 Vermilion River -- which is, by the way, a very
13 beautiful river, and I got to walk in it and almost
14 fall down in it and everything else. It's a great
15 spot, and I know it is very widely used across the
16 area. The great news is that the Little Vermilion
17 River has not seen any impact as of right now to it. I
18 know it's hard to almost -- to see like how could this
19 big industrial site sitting next to a river not cause
20 it any harm, but that industrial site has been there so
21 long, and up until the present day -- you know, we
22 don't know 20 years ago what the river looked like, but
23 as of currently right now when we sampled it, we

1 basically looked at sediment, surface water, we looked
2 at fish tissue -- we actually took a fish and basically
3 blended it up and looked at what is in the fish tissue.
4 We did modeling and we did toxicity tests to see what
5 toxic, like what the fish eats, is there anything toxic
6 that way, and it basically came out that -- oh, I
7 eliminated part of my slides -- but basically it came
8 out saying that the community within the Little
9 Vermilion River is fully supporting of aquatic life,
10 that everything within the Little Vermilion River
11 appears to be consistent with what we consider
12 background either upstream or downstream or across, you
13 know, the EPA area. So the Little Vermilion River does
14 not at this point -- from USEPA's decision and
15 evaluation, there's no remedy needed for the river
16 itself. Now, we notice the slag pile is adjacent to
17 the river. That will be dealt with, but the river
18 itself is sustaining a high level of authentic critters
19 that, you know, are in the sediment and fish and
20 animals and birds, so it's definitely very viable at
21 this point.

22 All right. Now we move into OU2, and
23 I'm going to go through it pretty quickly because it's

1 all pretty much the same. Our building 100, we do have
2 cancer risks for a commercial industrial worker.

3 There's lead present that presents risks to workers and
4 what we would call child recreationalists. There are
5 no children that would really fit that description.

6 There's a certain amount of time and a certain amount
7 of hours, age a kid would have to be out there playing,
8 so we just -- it's a protective measure that we kind of
9 include, but it's not necessarily a realistic risk, but
10 it is a risk that we, you know, feel needs to be
11 included in this.

12 We do have asbestos risk for the rolling
13 mill area. Again, we have lead, and that presents a
14 risk.

15 The main industrial area, the former
16 slag area, there's cancer risk for utility workers.
17 There's lead present that is a risk to all workers and
18 child recreationalists, and there's asbestos.

19 The fourth area, which is basically way
20 up here to the north, kind of this -- you know, way
21 around the turn basically, there is a lead risk there.

22 All right, the residential area. There
23 is a risk in the residential area for soil. What we

1 did is we went out and we sampled about 200 houses.
2 Your residential area is extremely huge compared to
3 some of the other residential areas that get cleaned
4 up, you know, 34 homes or 50 homes. We have almost
5 5,000 homes. So for the investigation purposes we
6 collected samples at about 200 houses. That's roughly
7 four percent of the residential area that exists, so we
8 are now making assumptions based on that four percent.

9 Keeping that in mind, we do detect that
10 there are cancer risks for residents at 26 of the 185
11 properties tested. When we talked about that risk
12 range that is acceptable and safe, you know, the one in
13 10,000 to one in a million, these are below -- or these
14 are above the one in 10,000, so there is an
15 unacceptable cancer risk there. It does require us to
16 then address that as a cleanup. I would say from a
17 perspective of how bad of a cancer risk, the highest
18 level that we detected for the cancer risk -- and we
19 evaluate these using very odd mathematical methods, but
20 it was like six in ten -- six people out of every
21 10,000, somewhere in that neighborhood, which is kind
22 of where the worst, you know, cancer risk would have
23 been. So it's not -- it's not like one in 100, but

1 it's more than what we consider acceptable.

2 Now, when you go to the noncancer risks
3 and those -- we call those a different -- it's a
4 different kind of hazard. That basically means that
5 antimony, arsenic, cadmium and manganese are for
6 construction workers and residents, and zinc is for
7 residents only. A resident only is different than an
8 industrial because you live there 24/7. You're, you
9 know, in the yard, you know, you're within your house
10 with your family, you have kids there, so there's a
11 different scenario that we present to. We have lead
12 concentrations that exceed 400 in 46 of the 185
13 properties. Our cleanup level when it comes to lead,
14 the EPA evaluates anything that's over 400 for a
15 residential area, so we have over 400 in 46 of the
16 properties. Lead at residences that exceed a thousand
17 were only at four properties, and our highest was 3200
18 roughly, which is, you know, obviously greater than the
19 400.

20 We didn't collect any samples that
21 showed that we had such a high level of risk that we
22 had to call the EPA removal group, which basically is
23 for emergency type risks. We know our numbers are

1 high, but we don't have high numbers everywhere. We
2 don't have these really super high numbers that warrant
3 any type of immediate threat, but we know we do have
4 numbers that are not acceptable for a residence.

5 Now I'll just briefly kind of go over
6 the OU2 ecological risks. Basically, if you're looking
7 at this map, this is the main plant area. There's very
8 little or no vegetation. This is kind of a savanna, a
9 grass area. It's disturbed. You can see a lot of slag
10 throughout. There is some vegetation. This is all
11 adjacent to the main plant in blue. It's disturbed
12 with some vegetation. And then this green area is what
13 we call our oak/hickory woodland, and that looks great.
14 So for an ecological risk perspective, we really aren't
15 worried in this area. It's a very ecological
16 community.

17 This is the area I was talking about
18 that has a little bit of ecological risk, but it's
19 especially nice and it's such a dense woodland that
20 when you go out and really look at the realistic risk,
21 we determined it would be far more -- it would do far
22 more harm to actually clean that up than to just let it
23 keep growing, and so that's that green part there.

1 All right, groundwater. So we do have
2 groundwater at the site that has some metal
3 contamination in it. However, we're working with the
4 Illinois EPA. We designated and we applied for at this
5 site for the groundwater to be classified as what's
6 called Class 2 groundwater, and that means not
7 drinkable.

8 Nobody in LaSalle is supposed to have a
9 well. Everybody is supposed to be on City water.
10 There's an ordinance that says no one can put a well
11 in. The City also has, you know, agreements for
12 drilling any kind of well, even if it's going to be
13 solely for irrigation. So since there's no groundwater
14 supply wells, nobody is drinking the groundwater and
15 it's really not even used for industrial use. The
16 conclusion was basically that groundwater doesn't pose
17 a risk right now. You have to have a receptor to have
18 a risk, and there's no receptor for this right now for
19 groundwater, but we will continue to monitor that to
20 make sure our concentrations don't just jump up through
21 the roof for some reason and then -- you can't just
22 walk away from it knowing that there is some metal
23 contamination in the groundwater, but it does not pose

1 a risk since there's these layers of protection for
2 human health on the groundwater.

3 Now we get into the bulk of it. I'm
4 going to go through it pretty quickly. These are the
5 areas requiring immediate remediation. A lot of them
6 basically go together.

7 This is the OU1 plant area. We can just
8 basically see the plant there. What we're proposing to
9 do for the OU1 plant area is basically excavate about
10 5,000 cubic yards of contaminated soil within the plant
11 area. We put in an engineered soil cap to protect, you
12 know, from the contamination that was removed and
13 remaining soil, and then they would backfill that with
14 18 inches of clean compacted fill and put topsoil on
15 it. This is going to cost about 12 -- \$1,200,000, and
16 it could take about a month to do.

17 I should say right now, too, we
18 evaluated far more of the alternatives, but there are
19 so many, and because it's such a big site, I'm just
20 going over the ones the EPA is proposing. If anyone is
21 interested to see what other alternatives we looked at,
22 there's a sheet outside that has a stapled list of
23 about eight, ten pages that you can look through and

1 see what were the other options that were evaluated.
2 And it's also on our website, and you can also talk to
3 me about it.

4 This is pictures of the slag pile. You
5 can kind of get a perspective. You can see the guy
6 standing at the bottom in the yellow vest on the
7 right-hand side, and that just keeps going straight up,
8 and it just continuously erodes into the river over
9 time since it's slag. For the slag pile, what the EPA
10 is proposing as the plan alternative is basically going
11 to take about two years, two field seasons, and it
12 could cost about \$18 million.

13 What we would be doing is removing the
14 contaminated -- or removing the vegetation, excavating,
15 sloping and benching the slag pile. So instead of it
16 being a nice really pristine slope, it would be a much
17 more -- almost like a farmland bench for crops, so
18 essentially there's no erosion, and that erosion
19 control would then be put in so if there's surface
20 water, if there's any, you know, drainage, it doesn't
21 just run down the slope and kind of go into the river.
22 So they'd remove all that vegetation, excavate, then
23 recover everything with a two-foot cover which would be

1 engineered compacted soil, and it would be benched.
2 Then we have what are called bench management
3 practices, which basically include seeding, if we
4 needed to put some rocks at the bottom, any kind of
5 sense of community for fish, some kind of vegetation
6 along the bottom, and then we'd have a lot of
7 high-density tree planting along that to keep the slope
8 stable.

9 Okay. Operable unit two now, moving
10 into the main industrial area. Each of the
11 alternatives involves excavating soil, wherever it is,
12 on site or in the residential area, so basically it's
13 all a different remedy but kind of comes down to one,
14 excavating the soil, replacing it, and where we'll be
15 placing it is the main industrial area. We'll be
16 making kind of a consolidation area there and then
17 eventually cap that area. So I'll present that as we
18 kind of move through the slides.

19 This is building 100. It's just -- I
20 think that's Zinc Street. I think maybe, it's hard to
21 tell. I can never remember exactly which one that one
22 is, but here's a couple of pictures of it. That's
23 building 100, and what we would be proposing there

1 is -- the cost would be a little over \$3 million.

2 And these are all projections, by the
3 way, all these costs, all these time frames. You know,
4 until we really get into the design, it's all
5 projections.

6 So we would be removing about 35,000
7 cubic yards of soil, putting it in the main industrial
8 area, backfilling those areas, and then we'll cap the
9 main industrial area.

10 This is the rolling mill, a couple of
11 pictures of outside and what's inside the rolling mill.
12 The rolling mill building was safe. That's not part of
13 what we deal with cleaning up, the rolling mill
14 building. We deal with the contamination around it.
15 So we'll remove about 24,000 cubic yards of soil around
16 the rolling mill building, take that, put that in the
17 main industrial area. That would take about three
18 months and three and a half million dollars to do.

19 All right. This is the main industrial
20 area, kind of the big brown spot in the middle of the
21 presentation. There's a picture of I think the kiln
22 and maybe the furnaces, so you can see how eroded
23 and -- it's kind of a mess out there. The

1 consolidation area on the main industrial part of the
2 site, that's going to take about two years and about
3 \$33 million.

4 What we would have to do is demo all the
5 debris and all of the half standing buildings there.
6 You scrap what can you scrap. You chip off anything
7 that we can't keep, and what we would end up doing is
8 digging out about 400,000 cubic yards. Then we would
9 have a consolidation area. We'd put all of the
10 contaminated soil from everywhere into the
11 consolidation area, so almost a million cubic yards of
12 soil is going to be within this area. We'll cap it,
13 slope it, plant it, you know, everything so that -- it
14 would have an engineered cap. It would be monitored
15 for the rest of our lives, but this would kind of be
16 almost like our on-site landfill. It would be our
17 on-site consolidation area, and it would be within that
18 main plant area. Again, we would vegetate it, put a
19 lot of controls on it so that it would be maintained
20 and stay where it's supposed to be forever.

21 This is the north area, and it's kind of
22 that little spot at the top of the site. It does have
23 trees on it, so I mean it looks nice, but you can see

1 on the left slide -- or on the right slide that there
2 is, you know, debris and there's plants that kind of
3 falls off into the ravine, and so we can't just leave
4 it because there is a risk associated with that site --
5 part of the site. So, again, this will take about half
6 a year, about \$15 million. We'd remove 170,000 cubic
7 yards, put it on the on-site consolidation unit and
8 backfill and plant that area.

9 All right. Our residential area, which
10 you look at that and it's amazing. There are so many
11 homes right next to that plant, and that was like the
12 life, I'm sure, of M&H at the time where everybody
13 lived there and everybody worked there, so we have this
14 huge residential area.

15 What you see proposed in the residential
16 area is going to take about 15 years. That is because
17 there are so many homes. And that is projected, so
18 keep in mind these numbers are based upon four percent
19 of homes sampled. We won't really know how much money,
20 how much time to really design this. What we would say
21 that we would do is we would be going out and we're
22 guessing that approximately 4,000 homes would need to
23 be remediated. That would mean that we would -- that

1 we would, you know, take the soil from the yards,
2 excavate that out, take it on site, put it under that
3 main industrial cap.

4 Um, the focus of this is very large and
5 extremely overwhelming, so when we do the design, which
6 will be almost my next step -- I mean within kind of
7 the year-ish time frame we start the design. That
8 might take a bit of time, but, you know, one of the
9 main focuses of what I would do is really being there
10 for the residential community. So I know we have an
11 industrial site. That is important, but the
12 residential community is of foremost importance to all
13 of us here. So during the design what we will do is we
14 will go out and sample every single house. About 200
15 houses have been sampled now, and we have our
16 information based on those houses, but we can't just
17 assume every house is safe or every house is not safe.
18 We need to actually physically sample every house. So
19 during the design we will be sampling every house, and
20 we're going to be primarily looking at lead and
21 arsenic. Those are two main chemicals that we're
22 dealing with in the residential area.

23 Um, we talked about dividing this

1 into -- let me go back. We talked about dividing it
2 into zones. Maybe we would sample according to zones
3 and clean up according to zones. Maybe we'll clean up
4 according to the highest need first, you know, maybe
5 closest to the site. So really that's a kind of
6 to-be-determined, but it's very high on my radar screen
7 and everyone else that I'm working with radar screen.
8 So we will be diligently pushing forward to get at
9 least to the design phase so that we can answer
10 questions like is my yard going to be cleaned up. I
11 think that's fundamentally what I would want to know,
12 does my yard need to be cleaned up.

13 So when we go out and say your yard
14 needs to be cleaned up, we would excavate your yard to
15 up to 24 inches, because that's pretty much where your
16 planting zone and digging zone would basically be. It
17 could be less, you know, depending on how deep your
18 contamination goes. So we're going to take -- if let's
19 say your contamination goes down to four feet, what we
20 often do is put an orange barrier underneath that so
21 when you're planting or you're digging a hole or
22 whatever you're going to do, you'll come to that
23 warning barrier and you'll say, okay, the soil below

1 this could contain contamination. So it gives you a
2 visual representation of what you should be looking for
3 as far as contaminated soil. Then we would backfill
4 everybody's yard, what we dug up.

5 I'm moving ahead real quick, and I'll go
6 back there. I just want to show you kind of a couple
7 of before and after. This was a residential
8 neighborhood in southeast Minneapolis, a residential
9 cleanup. The before picture, you know, looks good, and
10 then it's shady, but you can see the after picture
11 doesn't look much different. They maybe had to take
12 down a few trees and things like that, but you can see
13 it was nicely grassed and it was -- we're supposed to
14 leave it as nice as it was when we got there. Kind of
15 what you want your baby-sitter to do. You want that
16 house to look as nice as when I left.

17 Again, this is a before and after of
18 Velsicol Chemical Corporation. Again, digging out
19 everything up to the sidewalk, replanting and
20 regrading, the whole kind of spiel.

21 All right. Let me run back now to here.
22 So our proposed cleanup goals for the -- we're -- we
23 evaluated this very extensively, and we're proposing to

1 clean up arsenic to 18 micrograms or milligrams per
2 kilogram. Lead would be cleaned up over 400 milligrams
3 per kilogram. These levels were deemed through all of
4 our modeling, through all of our data collection,
5 through all of our extensive analysis to be safe levels
6 of exposure specific to this area. Other areas clean
7 up to higher levels for arsenic and lead. This is site
8 specific data that we used when collecting soil, and
9 this is what we determined would be safe.

10 Arsenic in this area is typically around
11 11.8. It's a little high just on average in this area.
12 We evaluated cancer risks and noncancer hazards
13 associated with arsenic, and that's what we determined
14 that we'd clean up to 18 parts per million and have
15 that hazard index of one. A hazard index basically
16 represents -- you could list out a bunch of chemicals,
17 and they each have a number associated with them. You
18 want that to be equal to one. That is the safest.
19 That's about -- that's what the standard is, is one.
20 You can use it as a hazard exists at two, but we wanted
21 to -- the State of Illinois really, really asked us and
22 we went through a rigorous effort to come up with this
23 18 number based upon a hazard index of equal only to

1 one. So that's substantial. That's pretty low.

2 Our lead -- our lead cleanup number is
3 standard across a lot of communities. We usually use
4 400 as a kind of level. That's based upon lead
5 concentrations. They do blood -- they check children's
6 blood to see what the levels are in them. Lead affects
7 children neurologically, so we really use the 400
8 number to be protective for children, and they don't
9 want blood lead levels exceeding 10 micrograms per
10 kilogram -- or deciliter for lead. So 400 is deemed a
11 safe cleanup number for the residential site.

12 Okay, the risks to residents. There is
13 no immediate health risk. I want to state that clearly
14 that we know we have risks, but it's not the kind where
15 it's an emergency. But we do have risks that need to
16 be addressed. There's no threat to the local ecology.
17 That's -- you know, that's pretty safe. Um, your
18 potential contact with contaminated soil in your yard,
19 you know, that would be, you know, if somebody had
20 contaminated soil, gets it in their mouth, you're
21 making mud pies, breathing in the dust, get soil on
22 your skin. I should say the risk of getting it on your
23 skin is pretty low, and it's even lower if you're

1 breathing dust particles. The risk really is something
2 that is long-term exposure, so when we come up with our
3 risk, it's really much more towards -- not to be cute,
4 you know, immediate threat -- it's a long-term, chronic
5 effect.

6 Um, one of the things that we really
7 found in this community is a lot of people eating
8 home-grown produce, and you see a lot of gardens
9 around, and that's a big deal because arsenic can
10 uptake through -- through tomatoes, through other
11 vegetables that you grow. So, you know, one of the
12 recommendations that I would make for -- and a couple
13 of questions I have already had is can I eat this, you
14 know, I'm growing tomatoes, can I eat this. You know,
15 we don't know the answer on a resident-by-resident
16 basis yet. We know it on 200 people, but if it was me
17 and I was making this decision, I would not grow my
18 plants directly in the ground. I would make a raised
19 bed. I would put them in pots. I would bring in my
20 own dirt from Home Depot or somewhere that my
21 grandparents live so that I know it's safe. I would
22 not put any kind of edible, you know, food in the
23 ground and have it grow. That's a big thing.

1 Another thing that we -- it's almost
2 common housekeeping practices. You know, make sure
3 that you guys wash your hands when you have been in the
4 yard before you eat. If your kids are out playing in
5 the yard, make sure they wash their hands. Make sure
6 they are not eating the dirt. Kind of what you would
7 do normally. Vacuum. Make sure you vacuum so that you
8 are not tracking all this fine dust in through your
9 house.

10 We have a couple of fact sheets out in
11 the -- kind of the foyer area there that talk about
12 lead and talk about arsenic and what you can do, the
13 kind of problems they cause and preventatives for that.
14 So, you know, really that's kind of the big push is,
15 you know, if you're going to plant, I would highly
16 suggest trying to plant more, you know, in a kind of
17 raised bed situation or in some kind of containers or
18 something.

19 All right. Here is my information. I
20 never carry with me cards. I'm so bad about that. So
21 I don't have any to give out, so if you take a sheet
22 or, you know, write it down. Teresa is also, you know,
23 available. She is the community contact for this site.

1 So you can call me, you can e-mail me, and same with
2 Teresa. I always try to get back to somebody within a
3 day or two. Mike Haggitt, he's the Illinois EPA
4 representative, and he's kind of our sister agency and
5 works really closely with us, and he's always a good
6 contact also.

7 All right. That is my long spiel. How
8 long did I keep that -- oh, not to bad, 25 minutes.
9 Okay. I'm going to put the microphone up here, because
10 I'm sure there might be some questions, and I'm going
11 to be choosing from my rank and file to maybe answer a
12 few of them.

13 MS. JONES: Are there any questions at this
14 time that anyone would like to ask before we start the
15 official comments?

16 MR. WISGOWSKI: How far west have you examined
17 so far as far as the residential area is concerned?

18 MS. COLLIER: Let me go to my slides. We
19 haven't quite reached what we would call our limit.
20 You know --

21 AUDIENCE: We can't hear you.

22 MS. COLLIER: Oh, thank you. Microphone.

23 We haven't gone as far west necessarily

1 as we need to. We had to draw a line and say this is
2 where we're going just for the investigation phase so
3 we can wrap up the investigation of the site. So when
4 we say 5,000 residents, we haven't drawn our western
5 boundary yet, which is basically enclosed, I believe,
6 like a mile around the site is basically what we used
7 at this point.

8 MR. HAGGITT: That's right, a mile.

9 MR. SHINNICK: Do you have a map of what homes
10 you investigated and what homes were found
11 contaminated?

12 MS. COLLIER: We sent out a sample -- if we
13 were going to sample a house, we sent out an access
14 agreement, and you would have gotten an access
15 agreement that basically said we will be investigating
16 your house. I have a database. I don't have it with
17 me, but we have a database that has every house that we
18 sampled and what contaminants were found there. So if
19 you have a question, particularly your house, please
20 let somebody know. Teresa or one of these guys can
21 take your name, and we can look it up and get back to
22 you in a day or two.

23 MR. SHINNICK: Yeah, I think what we're really

1 looking at, you know, as a citizen, you know, I live
2 further west, and I just want to know what the -- you
3 know, how big of an issue it is.

4 MS. COLLIER: How far west are you?

5 MR. SHINNICK: Almost to Peru.

6 MS. COLLIER: Okay. Um, yeah, that's kind of
7 borderline I think for -- you know, again, so typically
8 what happens is when you see contamination at a site,
9 you know, a lot of it is from wind deposition or
10 someone drove the slag over and used it in their yard
11 or that kind of thing. So when we start sampling these
12 home by home, we might see more of an actual pattern.
13 You know, right now it's such a small sample point of
14 four percent of houses, so, you know, until we really
15 get into the design phase and start sampling each
16 home -- so you might see on the outskirts more of a --
17 you know, when you get further away from the site,
18 you're starting to see a lot of no detects, no detect
19 lead or no detect this or -- everything is background
20 basically. So until we get to design, it's hard to
21 say. We just don't know what each yard has in store
22 for us yet. But if it were me, again, I would take
23 every best kind of management for my own personal self

1 until you do know, because it's a question mark. And I
2 understand that fully.

3 MR. SHINNICK: I have a couple of questions.
4 Like who's number one? Is Carus number one, or are the
5 residents number one?

6 MS. COLLIER: When you say number one, do you
7 mean like priority?

8 MR. SHINNICK: Yeah, starting the process,
9 because I -- I live right next to it. I mean, I'm
10 right on the edge and, you know, my kid's growing up
11 here, and I have been here 20 years. I have eaten
12 stuff out of my garden. I mean, you know, I have rode
13 my motorcycle up those hills in the back there. I
14 mean, I fished in that creek. I have ate the fish, you
15 know.

16 MS. COLLIER: Yeah. You know, it's not that
17 there is a number one or a number two, because, you
18 know, how this would pan out is, you know, when you
19 look at the overall cost to clean up everything, it's
20 about \$175 million. So that's substantial. I mean,
21 that's not something that I can go to my boss and say,
22 hey, I need \$175 million to clean up a site. What
23 happens next from kind of your perspective of what

1 you're getting at is my attorneys will work with people
2 and owners of the -- of the Matthiessen & Hegeler site.
3 They will try to determine what, if any, responsible
4 parties, which are owners or operators of the site,
5 would pay towards the cleanup. In the meantime, I'm
6 going to be working on designing the cleanup for this.
7 So if we start to see some residents -- say we start to
8 get out and start sampling houses pretty close to the
9 site and we're seeing some really high numbers. That
10 would trigger for me to start doing that first. And I
11 think when anybody deals with residents, especially
12 with residents again where there's 20 percent have kids
13 there, you want to make sure that you can get people in
14 a protective state as quickly as you can. So if my
15 management deems, and I would go along with it, that
16 the residential area needs to be addressed first,
17 because we have funding for that first, that's how we
18 could start it; but we haven't quite got to that stage
19 yet of who's going to pay for what and how is this
20 going to get addressed.

21 MR. SHINNICK: What if your contaminant level
22 is so high that -- you know, let's say a house is
23 condemned.

1 MS. COLLIER: Well, if contaminant levels are
2 that high, we would have our emergency group come out
3 and they could clean it up immediately. That's -- and
4 we have a few on-site things where we -- you know, they
5 work at EPA, too. They are on the floor below me, and
6 I'd go and say I have these levels at some of these
7 houses that we're coming across; they warrant an
8 emergency response to this because they are so extreme.
9 So if you have arsenic that's like 200 parts per
10 million and it's so high and you're starting to see
11 houses around you that do, that would be then evaluated
12 at EPA and say, hey, we have these really high levels
13 of a contaminant that I think are emergency levels, can
14 we get those addressed now.

15 So that would be -- you know, that's
16 another scenario, but so far to this point we haven't
17 seen anything that warranted such an extreme measure.
18 Everything is contam- -- I shouldn't say everything is
19 contaminated. There is contamination, but it's not at
20 these levels that present an immediate threat.

21 MR. SHINNICK: This is my last question because
22 I don't want to --

23 MS. COLLIER: You can call me, too.

1 MR. SHINNICK: Like if you do this, say you
2 come in and you put your barrier in, and then, say, I
3 want to put an addition on my house. Does that limit
4 what you can do and how deep you can go? I know you
5 mentioned 20 feet, and usually people go four feet, you
6 know, putting in walls, posts in the ground, that kind
7 of thing.

8 MS. COLLIER: That's a really good question.
9 I --

10 MR. SHINNICK: You know, especially, say, your
11 sewer goes bad, you have to dig it. Now you're
12 tampering with what you -- you know, what are the
13 limitations on that? That puts my property value at a
14 lower value.

15 MS. COLLIER: Absolutely. We will make note of
16 that question, and I will get back to you, because
17 that's a question I'd actually like the answer to
18 myself. I would venture a guess and say that, you
19 know, there's -- there's probably something that would
20 allow you to, you know, put an addition on your home.
21 I'm just not sure exactly how that would be addressed.
22 But I will definitely respond to that one, because
23 that's a good question.

1 MR. SHINNICK: Yeah, because you're breaking
2 the barrier I mean.

3 MS. COLLIER: Absolutely. And you're going now
4 into contaminated soil potentially if you have it, yes.

5 MR. SHINNICK: You're going to check it. I
6 know I've --

7 MR. HICKS: Pardon me. Is this being recorded?
8 Are we making a recorded document?

9 MS. COLLIER: I can't -- can you come up to the
10 microphone?

11 MR. HICKS: Well, that was my point. I thought
12 this was going to be documented at these comments and
13 questions.

14 MS. COLLIER: It is. We do need names.

15 THE REPORTER: It is, but I need the first
16 three names before we keep going.

17 MR. HICKS: My name is Jamie Hicks.

18 THE REPORTER: Who was number one?

19 MR. WISGOWSKI: Gene Wisgowski.

20 THE REPORTER: Number two?

21 MR. SHINNICK: Tim Shinnick.

22 THE REPORTER: Okay.

23 MS. COLLIER: Sorry, I should have mentioned to

1 you guys to state your names for the questions.

2 MR. HICKS: Yeah, we kind of took numbers, but
3 I think we're hopping around.

4 MS. COLLIER: Okay. Does anyone else have a
5 question? Yes. You don't have to stand. You can
6 yell.

7 MR. DEMES: Well, I'm old. It's easier when I
8 stand.

9 My name is Diz Demes, alderman in
10 LaSalle. About six years ago we went out to the site
11 and we walked around. I don't know if it was you.

12 MS. COLLIER: It was me, yes.

13 MR. DEMES: And we walked around. And, you
14 know, I grew up on that east end. I crawled up the
15 slag pile, picked junk when we were kids, and it's been
16 like that forever, okay? But you took us around. You
17 more or less said it's going to be like this forever,
18 because we don't have the money. My question is, do we
19 have to have the money now, or is this just a dream?

20 MS. COLLIER: So, again, it's a huge cleanup.
21 But that being said, you know, the federal government
22 wouldn't fund me completely to clean up my site and
23 give me a check for \$175 million. However, we have

1 what is called a priorities panel that EPA headquarters
2 sits on, and they look at these sites and they say what
3 sites need money now and what attributing factors do
4 these sites have that might prioritize them for
5 cleanup. We have a huge residential area, so that does
6 lend some prioritization on it.

7 Cleaning up that site is going to take a
8 long time, so I wouldn't expect it to start tomorrow.
9 But as far as a time frame goes, when you're looking at
10 the long-term time frame for this, you know, we have to
11 go through a design phase which does take a while,
12 because you can't just start digging. You have to have
13 an idea of what you're going to do, and then you go to
14 the cleanup phase. It may not all be conducted at
15 once, so we may not clean every part of the site at one
16 time. It might be piecemeal, because you can only get
17 X amount of dollars at any one point. So the site
18 might take a very long time to be completely cleaned
19 up, but, you know, again, we might have parts of it
20 that are going at different times and waiting for
21 funding that kind of comes through. And, again,
22 there's also the responsible party connection where
23 there are owners and operators of the site that may

1 contribute towards that cleanup depending on what
2 happens for negotiations for that.

3 MR. DEMES: Well, I was just wondering. I am
4 70. Is there a chance I'm going to see it?

5 MS. COLLIER: How old are you planning on
6 living? I'm hoping that you definitely can see it.

7 MR. DEMES: Thank you.

8 MS. COLLIER: Yes.

9 MR. BROWN: Brian Brown, city engineer. How
10 about the properties to the east, the farmland the
11 future possible industrial sites east of there, have
12 they been looked at at all?

13 MS. COLLIER: We evaluated the area to the east
14 directly across the river on that slope leading up to
15 the cemetery. We did not find any contaminants that
16 posed a significant risk or threat, so we don't go
17 beyond that at that point.

18 MR. BROWN: Okay.

19 MS. COLLIER: We don't -- you know, we bounded
20 our site based upon that data, so at that point we know
21 that those -- you know, the farmland and beyond, we
22 can't -- you know, we would not link that to the M&H
23 site.

1 MR. BROWN: Is there -- are they wind carried
2 issues?

3 MS. COLLIER: It's hard to say. I mean, you
4 think some of it probably -- you know, we didn't -- you
5 see aerial photographs, so I have aerial photographs
6 that go back decades, and you can see the kind of, you
7 know, smoke and how everything kind of blew and where
8 it blew to, but it's hard when you have only sampled
9 four percent of the houses. You don't get this really
10 nice pattern of deposition yet. So we are guessing
11 that wind deposition did play a part.

12 MR. BROWN: Well, the predominant wind is west,
13 and all the property you're looking at would be
14 opposite, and that's why I have a concern about
15 properties further to the east.

16 MS. COLLIER: Yes, and which it's odd, because
17 we -- again, we can't say that there's any kind of
18 depositional, you know, focus at this point. You don't
19 see this -- they call it a wind row -- wind row pattern
20 where you see the contamination fallout. You know,
21 right now we kind of have helter skelter, you know,
22 contaminated spots.

23 We didn't expect to find any slag on

1 site, because we had no record of that; however, we
2 went over to like the Hegeler Park or whatever and put
3 in our soil boring and there was slag. So, you know,
4 it's hard to say exactly how the contamination got to
5 where it was and, you know, how deep does it go. Do
6 people ever take anything off site and put it in their
7 yards because they wanted to build up a foundation or
8 something? We just don't find that in the records, so
9 we can't say for certain how it got there, but we can
10 tell you that there is contamination there and it's
11 likely attributed to the site.

12 MR. BROWN: Well, from many just rumors and
13 discussions, there were a lot of ravines filled in that
14 were built on later, and that material that had to come
15 from someplace, so I would think they might have been
16 hauled from -- possibly from there, and that was part
17 of Hegeler, too.

18 MS. COLLIER: Yes, and we even went out to
19 DeKalb where all the old files are stored and I read
20 through files and files sitting out there, and you just
21 didn't find that kind of information. Nobody
22 documented like they do today, so we couldn't find
23 where it says, you know, trucks of this were used, you

1 know, slag was used to fill the Hegeler Park or, you
2 know, foundation for the park, but yet we kind of went
3 out there, and we found it. So it's hard to really say
4 where the contamination exactly came from, but we know
5 it's there.

6 MR. BROWN: Well, I'd like, you know, as we do
7 further investigations on properties within the
8 community to -- it probably wouldn't hurt to try a few
9 others farther east. Just if you're going to have
10 people sampling, it would probably be wise to do some
11 further east, east of the interstate.

12 MS. COLLIER: East of Route 6?

13 MR. BROWN: No, the interstate, I-39.

14 MS. COLLIER: Oh, the interstate, okay, yeah.
15 It's something we can definitely put in the record, and
16 if you want to make that an official formal public
17 comment, you certainly can. That's something we'll
18 have to evaluate in the design phase, but it's not to
19 say it can't be done. You know, we still don't have
20 our bounds to the west either or the north. Just the
21 residential area is really just this big arbitrary
22 circle right now, so that circle can certainly move.

23 MR. WISGOWSKI: Again, name is Gene Wisgowski.

1 You said that the residential investigations haven't
2 gone as far as EPA needs to go. How far west does EPA
3 need to go? Henry Street being the westernmost
4 boundary of the city of Peru.

5 MS. COLLIER: You know, that's -- well, what we
6 look for to kind of bound a site and put a line is when
7 you start to see houses that really don't have
8 contamination that you're finding that might be
9 associated with your site. So if we get to an area
10 where we're finding lead and arsenic significantly drop
11 off, or zinc or whatever it might be, then I would rely
12 on my risk assessors to make that judgment call and use
13 all the data and say this is the line of designation of
14 where the site contamination likely stops.

15 The other part to that is there's a lot
16 of other zinc -- or not zinc, but there's a lot of
17 other industrial facilities around that may have also
18 contributed contamination here or there. How do you --
19 how do you say this is my contamination, this is their
20 contamination? So we kind of have to look at what else
21 is around so that we can say, you know, we start to see
22 something different from what we're seeing at M&H, and
23 we kind of make that as like a bound itself. So it's

1 just a very arbitrary line at this point. We don't
2 know how far west we're going to need to go. We just
3 haven't got to that point yet, but in the design we
4 will.

5 MR. WISGOWSKI: Question number two. Does
6 EPA -- it seems like this is a very difficult, hard way
7 of doing things. An ounce of prevention is worth a
8 pound of cure. Doesn't -- EPA has been around -- I
9 think U.S. EPA has been around about 45 years now?

10 MS. COLLIER: '73.

11 MR. WISGOWSKI: So is there anything -- like
12 let's preclude this stuff from happening because of the
13 millions of dollars that it takes to remedy the
14 situation, not to speak of the risks and the stress
15 imposed on the people thrown into the situation.
16 Nothing to do with their decision. Is there anything
17 in the EPA law that prevents this nonsense from
18 occurring as opposed to trying to remedy it after it
19 occurs?

20 MS. COLLIER: Oh, yes. Yes. Things -- you
21 know, what we clean up now are facilities that have
22 been around a long time. You know, facilities that
23 don't typically operate anymore. You know, Superfund

1 sites are usually landfills that started as a city dump
2 and then everybody started throwing industrial waste
3 into it or a landfill that started taking stuff from,
4 you know, a big company and never lined. You know,
5 people just didn't know.

6 This situation that we are in now should
7 not happen anymore. There are preventative measures
8 that companies are supposed to take such as, you know,
9 stack scrubbers or any other kind of air -- you know,
10 airborne particulate meters that don't allow
11 particulates to come out and settle out over a
12 residential community, and that's not supposed to
13 happen anymore. This contamination likely happened
14 since the late 1800s up until the mid-1900s. The
15 things have changed so significantly that cleaning up
16 these old sites is really what Superfund does. A lot
17 of times they're not even responsible parties around
18 anymore. They have gone bankrupt or they don't exist
19 because of this or that, you know. So somehow they
20 have to be cleaned up, and that's kind of what
21 Superfund does under our law.

22 MS. JONES: Excuse me, sir. This gentleman has
23 been waiting for a while. You can ask her a question

1 if the (inaudible).

2 MR. THOMPSON: Robert Thompson. I live on
3 Bucklin Street right over here a couple of blocks where
4 Matthiessen built all the lab people's homes. You know
5 what I mean? So there's a major concern about what was
6 stretching down from their chemists and everybody else
7 that lived in all those homes in that strip, and that
8 comes from just a little bit of history. Based on
9 history, there is no report on this -- it's over 20
10 years old; am I correct?

11 MS. COLLIER: What is the name of the report?

12 MR. THOMPSON: The one from 11/1993 where you
13 interviewed the mayor and asked questions in regards to
14 the usage of that slag and concrete, and there's a lot
15 of questions obviously in one day. It's a large report
16 with a lot of data, so there's a lot of concerns as to
17 how that was written, and it's based on 20-year-old
18 data.

19 MS. COLLIER: The data we collected is recent
20 data. That I believe is the -- Illinois EPA maybe
21 integrated the assessment report, and there's a couple
22 of really old ones.

23 MR. THOMPSON: That's when they did the schools

1 and did homes?

2 MS. COLLIER: Yes. We've updated that since
3 then. We have collected samples. We started our
4 investigation in 2003, but the real sampling happened I
5 would say the bulk of 2007 through 2009, and then we
6 have gone back several times since.

7 MR. THOMPSON: Did the sampling process change?

8 MS. COLLIER: Oh, significantly, yes.

9 MR. THOMPSON: But, I mean, we were going down
10 one inch to 24 inches maximum depth, and normally on
11 soil samples you use SPTs. It's your standard
12 penetration tests which bore down, and every 18 inches
13 you pull out, and I think in that original report -- I
14 haven't seen the new report, so that might be in the
15 library.

16 MS. COLLIER: It's the remedial investigation
17 feasibility study, and I think it was dated 2010 I want
18 to say, but it's recent.

19 MR. THOMPSON: Yeah, because the State's didn't
20 go down very far, and they don't know the depth.

21 MS. COLLIER: Yes, we do. Yeah, we did a lot
22 of more in-depth sampling. We did a lot more when --
23 more current type of sampling. A lot has changed in 20

1 years. In fact, a lot changes yearly when it comes to
2 even how labs analyze data.

3 MR. THOMPSON: And just one last thing. I was
4 the one that called yesterday.

5 MS. COLLIER: Nice to meet you, yes.

6 MR. THOMPSON: Nice to meet you, too. The
7 other thing is you stated there's a comment section in
8 here for people to fill out. You forgot the comment
9 section as well. So whoever did this document for you
10 (inaudible). The one at the front desk didn't have a
11 comment section in it. This one doesn't have a comment
12 section in it. So the people that you say please mail
13 in your comments, if they got it, they have no comment
14 section.

15 MS. COLLIER: Gotcha. Good to know. Thank
16 you.

17 MR. THOMPSON: So whoever did these really did
18 not -- shouldn't get paid on that.

19 MS. JONES: We apologize for that area. We had
20 a glitch with our mailing, but if you feel like sending
21 in a comment, you can leave your information with Gina
22 in the back, and we'll make sure that they get to you,
23 or if there's anyone else.

1 MR. THOMPSON: It's just I've worked in this
2 community for 27 years. People in this area, if it
3 says find a comment section and they can't find it,
4 that's -- I mean, I'm speaking for the ones I ran into.
5 That's it. You're not going to get it. And they want
6 to voice their opinion.

7 MS. COLLIER: Good. And they should. That's
8 what this forum is for. So if you know of anybody,
9 please, you know, forward them my or Teresa's e-mail or
10 give them my phone number and call me, have them call
11 me.

12 I think we have a number over here
13 actually.

14 MR. PIPER: I have a few questions. First --

15 MS. COLLIER: Okay, name.

16 MR. PIPER: Dan Piper from LaSalle, north
17 LaSalle. First of all, everybody knows this area is
18 the muddies, and I know there's a lot of people have
19 done a lot of hiking down there. I've done a lot of
20 hiking down there with my grandsons and my sons who are
21 not in this area here no more. They live elsewhere.

22 First of all, too, I have several
23 neighbors on the north side of LaSalle up in your

1 wooded area north that did not receive this. Okay?

2 And they couldn't get baby-sitters nor could they get
3 off work to come here to voice their opinions.

4 Okay. My first question is, in the
5 muddies -- you have known about this since 2003, this
6 hot zone here you showed down here as building 100, is
7 that open to the public or is there a fence around
8 that? Because there's some areas down there I have
9 hiked, seen black slag, and along the river and that
10 stuff, and went down in that area and down by the
11 Vermilion, done fishing and stuff, and I know some
12 people who have done some four-wheeling down there in
13 that area. There's a lot of four-wheeling down there.
14 Is that hot zone or -- if you've known about this since
15 2003, how come this area had not been cordoned off and
16 telling people to stay out? I know there's a fence
17 down there in one area telling people to stay out.
18 That's over in the terrace area.

19 MS. COLLIER: So the site as a whole is fenced.
20 And let me pull up -- Teresa, I might need you to --
21 oh, no, let me see. I didn't turn it off. Let me grab
22 the microphone real quick just so everybody can hear.

23 So this is the north area (indicating).

1 This is the railway, the old railway that runs -- it is
2 now just basically -- there's no railroad there
3 anymore. It's a dirt path, runs up through here. This
4 building is owned by Carus Chemical, but it's not part
5 of the site. So this north area is entirely fenced all
6 the way to the river.

7 The hot spot you're talking about is
8 called building 100, and I'll show you that one. It's
9 really hard because the site is very big, so you're
10 talking in terms of everything. So when you look at
11 this big map up here and you can kind of see the red
12 outline, and then there's a black outline within there,
13 and there's a blue spot within the black within the
14 red. That's what we call building 100. It's not in
15 the muddies. It's within the main industrial site.

16 And when we say hot spot, the hot spot
17 contamination with that building is there's some PCBs
18 that goes down into the ground. So I'm guessing at one
19 point -- just a guess -- somebody took their container
20 of BP oil and dumped it out the back.

21 That's not the muddies. That's -- the
22 entire site is fenced. Granted, the fence runs through
23 people's back yards, and I have driven the site many

1 times to check the fence, and I always find a secret
2 entrance that somebody has cut somewhere. You know, I
3 have all my signs out there. In fact, I used to have
4 my phone number on the signs, but someone -- you know,
5 we know people get in the site. One of the things I
6 encourage, please tell your kids, I know it was fun,
7 but there's contamination out there. Please don't go
8 out there. Please don't do your dirt bike. I would
9 have had a hard time saying no, too, but we do know
10 that building 100 and the north area and the site we
11 are looking at as a whole does have risks that are
12 posed there.

13 It is fenced, and at this point that's
14 kind of our limitation of access. When we get later
15 down the road, I'd love to have a much stronger fence.
16 I don't know what kind of fence they make that can do
17 that, but we're kind of getting there. But the muddies
18 area is not part -- I believe the muddies is even more
19 north of our site if I'm correct. I always get
20 confused where the muddies exactly is.

21 MR. PIPER: Isn't it the wooded north area?

22 MS. COLLIER: No, you almost have to like draw
23 me a picture, because I don't think -- 'cause you're

1 looking at this map, and someone might know better than
2 me, but I can't recall what the building is. Carus
3 Chemical does use that, and they are --

4 MR. DUNCAN: Apollo.

5 MS. COLLIER: Pardon me?

6 MR. DUNCAN: Apollo Metals.

7 MS. COLLIER: Yeah, Apollo Metals. Thank you.

8 This is the northeast area, and it's on
9 the west -- the east side of the rail line there. That
10 is a lot of cliffs, a lot of really neat forest area.
11 There is no risk there except for a little ecological
12 risk, but for us to take down all those trees, you
13 know, would cause a lot of harm.

14 So there's the slag that you're -- that
15 you see is mostly in this north area and over here
16 (indicating). There is really no slag, and if there
17 is, it would be very, very minimal, kind of in that
18 area (indicating), at least, you know, from what we
19 found during our investigation, and the soil is good.

20 MR. PIPER: So that black slag that's in the
21 muddies on the south side of the muddies is not to be
22 worried about north of your fence?

23 MS. COLLIER: So is this -- is the muddies

1 you're saying in here or is it up further than Apollo
2 Metals?

3 MR. PIPER: I don't know.

4 MR. DUNCAN: A few blocks north of Apollo
5 Metals.

6 MS. COLLIER: Yeah. Okay, I can't remember,
7 but there's a family that has some type of business I
8 think over there.

9 MR. DUNCAN: John Pohar.

10 MS. COLLIER: Yeah, exactly. So we're talking
11 kind of their area. That -- if you're seeing black
12 slag in that area, we don't have any record of M&H
13 depositing it there, but that's not to say it might not
14 have happened, because like I say, we have been off
15 site and found it. But when we looked at the northeast
16 area, we didn't find anything. We actually did
17 sampling in the muddies, and we didn't find anything.

18 MR. PIPER: Even about three-quarters of a mile
19 south of John Pohar's, you didn't find anything that --
20 right before the fence, where your fence is at, there's
21 a lot of slag there, and there's no growth, and you can
22 see like when it rains down there, it's kind of mucky.
23 Not muddy, but mucky.

1 MS. COLLIER: I'd like to make a note of that,
2 because I'd like to take a look at that, too. And I
3 mean we're not done sampling. Like I said, remedial
4 design, when we get to that phase, you're still
5 delineating. So if there is something there that needs
6 to be looked at, we'll certainly look at it. So if we
7 can make a note of that so that we can kind of take a
8 look and, you know, if you have any pictures or -- I
9 mean, if you have anything, you know, at some point I
10 definitely want to get out there and see exactly what
11 we're talking about.

12 MR. PIPER: Because you say the kids shouldn't
13 be touching it. My grandsons and sons are down there
14 in all that black stuff, you know, kicking it around
15 and that stuff.

16 Also, my last question is, the photo you
17 have here on your easel here, is that the area that
18 you're going to be checking the homes?

19 MS. COLLIER: No. That's just -- we can only
20 put so much on a three-by-five map, so that's just the
21 main site basically. The homes is a much, much bigger
22 picture.

23 MR. PIPER: So you're going to be going north

1 like into the Pohar neighborhood and all that stuff?

2 MS. COLLIER: Yes. We haven't -- we have only
3 sampled such a little of the residents that we're going
4 to go a little bit north, a little bit south, to the
5 west, maybe to the east a little bit. Yeah, we aren't
6 done. We know that for sure.

7 MR. PIPER: Okay. Thank you.

8 MS. COLLIER: Sure.

9 MR. KASAP: Number one.

10 MS. COLLIER: Number one. You waited so long.
11 You're so patient.

12 MR. KASAP: Mike Kasap, LaSalle, Illinois. The
13 reason I'm here is I'm also a County board member, and
14 part of the mitigation project that we're involved with
15 actually is part of my district. So this morning when
16 I found out that I got the mailing -- a little late,
17 but that's not a problem -- I went down and took some
18 pictures over in the area that actually is involved
19 particularly with the Vermilion River. I just wanted
20 to get myself a grounding as to where we are at since
21 the site was involved with being declared a Superfund
22 site in 2003. You may have pictures available from
23 that time when you went out to the site, so I have

1 copies that I brought along so that I can present these
2 as evidence for you guys.

3 And then I also, along those lines being
4 a County board member, the last year we updated our
5 comprehensive plan. One of the most important things
6 that we're involved with in our comprehensive plan is
7 tourism and also making sure -- and I'm going to read
8 this from the comp plan -- there are natural resources
9 are an important aspect, and it's also the conservation
10 and reclaiming land considered unsuitable for
11 development in its present landscape since most of
12 these areas are located along the county's rivers and
13 streams. Much of the land could be rehabilitated for
14 recreational purposes, and we hope that the remediation
15 would concur with that particular aspect of the
16 comprehensive plan.

17 We have also in our comprehensive plan
18 brought about the importance of water quality. Natural
19 resources are extremely important to us, because we
20 have 85 percent of the county is involved with
21 agricultural farming. Now any time you get involved
22 with remediation, we know that there's impact, and we
23 just want to make sure that we are bringing this

1 awareness, and particularly for the citizens in
2 LaSalle, my district, that they are important and they
3 are -- the resources such as the Illinois and Little
4 Vermilion and other protected green spaces are
5 important to tourism and economic development, and that
6 ties in with the actual homeowners and their
7 properties. So from what I got -- I got a good feeling
8 that your mitigation will probably work along those
9 lines, but I have to concur with Mr. Bacidore, the
10 alderman in my ward, that it would behoove us to lobby
11 the EPA or whoever we have to to move this project
12 forward. And I don't know how to do that. Maybe you
13 can give us the information, but I'd be more than happy
14 to draw this awareness.

15 MS. COLLIER: Definitely. And you're doing
16 great. I mean, for me, I don't know, it's just -- I
17 have this -- I live an hour away. I am an hour and 10
18 minutes from here, so it's nice driving to LaSalle, and
19 I have met several people throughout the town, and it
20 really is always nice coming here. I have met so many
21 nice people along the way. Um, Sam McNeely and I have
22 been talking for years, and he retired on me. So, you
23 know, it's -- I have this, you know, sense of duty also

1 to the town, you know, and am doing what we can, so I
2 want to see this move forward, and I encourage
3 everybody, too, you know, as we start moving through
4 the process, you know, if anybody has any questions or
5 feels things aren't moving fast enough or if you just
6 want to know when, you know, let me know, and I can
7 keep stressing up the chain, you know, that I have
8 people wanting to know when it's going to happen, how
9 it's going to happen, you know, can we give these
10 people the kind of -- you know, something more. You
11 know, we're very early in the stage, but it doesn't
12 hurt to be proactive. So I appreciate what you say and
13 where you come from on that, and I think that's my
14 sense of duty, too, is to get where it's not just
15 standing around waiting for something to be cleaned up.
16 You know, it's -- let's go.

17 MR. KASAP: I'll present this, and I'll also
18 encourage -- I'll leave my card. Please, any time you
19 want to get involved with contacting me -- I have five
20 copies.

21 MS. COLLIER: Oh, thank you.

22 MR. KASAP: And that way you will have a little
23 something, and this way here, but at least we'll get a

1 little more dialogue. And I thank you for your time.

2 MS. COLLIER: It's mutual. And I have also,
3 just so everybody knows, and I can't think of his last
4 name, but Ken Krolowski (phonetic), he works -- is that
5 you, Ken?

6 MR. KROGULSKI: Yes.

7 MS. COLLIER: Yeah, Ken has been really a great
8 person to keep in touch with from the Little Vermilion
9 River group. I know the river shows that, you know, it
10 hasn't been impacted by the site chemically, you know,
11 chemically, but we have a big slag pile in the site,
12 and so I know the State is working, you know, to
13 also -- you know, with some of the responsible parties
14 to come up with a more -- you know, a more -- not
15 recreational but a more ecological plan for the river,
16 you know, along where our site is. Seeing, you know,
17 so it's not just, you know, a river that runs straight,
18 there's no fish, there's no -- nothing left. It's
19 definitely something that we are very interested in
20 working forward to.

21 Yes.

22 MR. KASAP: If I may add, on that particular
23 picture our well fields for the citizens of LaSalle is

1 at the bottom of the -- of the area in that last
2 picture there, and it shows that this is one of the
3 concerns that we would have. We don't know what's
4 going to happen with the remediation. I have not heard
5 this evening particularly with the remediation will the
6 area be protected, or if there's is a big rain --
7 there's a lot of those aspects of public safety during
8 remediation that would concern us here. Our well
9 fields are only 50-foot deep.

10 MS. COLLIER: Yeah, we would work very closely
11 with you and the City. I mean, that's -- you know,
12 that's what we have to do, and that's what I want to do
13 is to work to make sure that we protect the well
14 fields, protect any community needs, I mean, any -- you
15 know, anything that -- you know, we're -- our job isn't
16 just to clean it up. Our job is to clean it up and
17 make it better than what it was, so that would go along
18 with it. And we have laws and regulations the
19 Superfund has to abide with, too, so we can't just
20 discharge contaminated water into the river. We can't
21 do that. We have to obtain permits that that's what
22 the company would have to meet. So, I mean, we come
23 from the same side, and it's nice to know that there's

1 good community and City support for the project.

2 MR. YEDNOCK: My name is Lance Yednock. I'm
3 from Ottawa. I represent a lot of the --

4 UNIDENTIFIED: Can't hear the question.

5 MR. YEDNOCK: I haven't said the question yet.
6 So my name is Lance Yednock. I work for the operating
7 engineers. We have a lot of members that do this type
8 of work, and if they do do the work in the future, is
9 it something where they'd have to have apparatuses like
10 SCBAs or that type -- what class of contamination and
11 the cleanup would it require?

12 MS. COLLIER: Probably not SCBAs that I'm aware
13 of at this point, but it would be -- you know, it's
14 consistently metals. We do have some volatile
15 organics. It would be a little hot spot, like
16 trichloroethane that looks like it was dumped out kind
17 of a back door, a little PCB hot spot, some asbestos.
18 So there's not a lot of like where you have to put on
19 the full moon suit and, you know, clean up the site.
20 That's not what we're talking about. We're pretty much
21 talking about a lot of construction, a lot of
22 excavation type of work.

23 You know, when we get to that point, the

1 remedial design and the remedial action itself, my plan
2 is that I would be using a contractor to do the work
3 that they sub out, so you know, there's always a
4 potential for some work. You know, we're going to need
5 trailers, we're going to need geo people. We're going
6 to need, you know, various things. So it's always good
7 to keep checking in to see where things are.

8 MR. YEDNOCK: Thank you.

9 MS. COLLIER: Sure. Yes.

10 MR. PIPER: Yes, a couple of other questions.
11 Will there be another meeting for the people that can't
12 attend here tonight?

13 MS. COLLIER: What was your name again?

14 MR. PIPER: I'm Dan Piper.

15 MS. COLLIER: Dan Piper, okay.

16 MR. PIPER: Will there be another meeting for
17 people that could not attend here tonight and get the
18 information? And also, I know the slag pile from Cedar
19 Point was moved when I-39 went in, because it's the
20 foundation of I-39 for a while. Was any part of this
21 slag pile moved to I-39?

22 MS. COLLIER: This slag pile has not moved. It
23 has been sitting there forever. In fact, at one point

1 we had a great picture. I couldn't find it, but it was
2 a rail spur just heading off of the slag pile over the
3 river, and it was a spur heading to the moon almost.
4 So this slag pile has been there, and until we do
5 something about it, it's not going anywhere.

6 As far as another meeting, we can
7 certainly do something. You know, whether it is an
8 official public meeting like this or if people just
9 want to come and have more of an availability session
10 to talk more like this, you know, we can do either/or.
11 If you're more comfortable with just kind of an open
12 forum with questions and not so formal, we can do an
13 availability session, but if you want things that are
14 documented for the record, we can do that, too.

15 We can also extend the public comment
16 period if needed. So our public comment period is
17 supposed to end November 5th. If people need more time
18 and want more time to comment, we can extend that 15 to
19 21, 30 days. So that's another option, but I'm
20 always -- like I said, I'm willing to come back down
21 and meet with anybody that wants to talk. I have no
22 problems talking and doing that. So whatever the
23 community wants, I would definitely support that. So

1 if people feel that we need another formal one of
2 these, please talk to Teresa. If people feel they just
3 want a question and answer, really aren't interested in
4 making a public comment but just want to know more
5 information, again, talk to Teresa. We can certainly
6 set something up.

7 MR. PIPER: I do believe the comments should be
8 extended a little bit longer, because it was not put in
9 here, and another flier should be sent out to the
10 public in the LaSalle-Peru area.

11 MS. COLLIER: Well, I'm guessing they are all
12 going to be getting there tomorrow.

13 MR. PIPER: Exactly.

14 MS. COLLIER: So missed the date.

15 Yes.

16 MR. MUNSON: Christopher Munson. I'm from
17 LaSalle. I work on a hazmat job right now. I was on
18 excavation.

19 You said it's being broke up into two
20 parts, OU1 which is taken care of by Carus Chemical and
21 OU2 by EPA?

22 MS. COLLIER: Yes.

23 MR. MUNSON: Does that mean the EPA is paying

1 for that part and Carus Chemical for the other?

2 UNIDENTIFIED: Could you please repeat the
3 question?

4 MS. COLLIER: I'll repeat it. He wanted to
5 know, OU1 and OU2, Carus Chemical on OU1, EPA on OU2,
6 who's paying for what. So where we are with that, and
7 that's a very good question, is that Carus Chemical
8 signed an order, an administrative order consent, a
9 legally binding document, and they took responsibility
10 to investigate, to do a remedial investigation and then
11 put together a feasibility study weighing out all the
12 options for, one, Carus Chemical Company; for two, the
13 giant slag pile that resides 85 percent on Carus
14 Chemical Company site; and three, the Little Vermilion
15 River. They paid for that. As part of an owner of the
16 site, that is what their order agreed for them to do.
17 They have not agreed beyond this point, they have not
18 negotiated. We have not got to that phase to do any
19 further negotiations for what happens next.

20 The next phase for me in the short,
21 short term by, you know, kind of hopefully next
22 summertime, we would have this record of decision done
23 which basically says, here's our cleanup plan, here's

1 when we're going to clean up two, here's what we're
2 going to do. At that point then we enter into
3 negotiations with all the current or former owners,
4 operators -- my mind just went blank -- of the site.
5 So that's when my attorney, the EPA attorney steps in,
6 and all the other attorneys get together and they say
7 who's going to pay for what, what are you going to do,
8 what are you not going to do, what can you give us.

9 You know, this is a huge money project,
10 so there's no way Carus Chemical or any other company
11 is going to say here's a check for \$200 million, we've
12 got it covered. So there will be negotiations on that,
13 and part of it will more than likely be funded by, you
14 know, EPA. Federal government will pay for, you know,
15 I would say a significant part of the cleanup.

16 So, yes, that's kind of where we are
17 long term with the financial part of it.

18 MR. KROGULSKI: To answer that gentleman's
19 question, at the LaSalle library there are four discs
20 from Geosyntec, from Carus, if you care to look at
21 them. I don't know what they are, because they are on
22 a disc, and I hate to sit there and look at discs. So
23 in the future would you always send out a hard copy of

1 your review instead of --

2 MS. COLLIER: Oh, absolutely, yes.

3 MR. KROGULSKI: So if you care to look, maybe
4 we can look together sometime.

5 MS. COLLIER: It's the investigation and the
6 feasibility study. I have to make sure that the
7 library can find file space.

8 MR. KROGULSKI: They have the file space.

9 MS. COLLIER: They do, okay.

10 MR. KROGULSKI: If they don't, we'll figure
11 something out.

12 MS. COLLIER: The remedial investigation and
13 the risk assessment were 11 giant binders. I didn't
14 have room for them in my cubicle.

15 MR. KROGULSKI: They do have -- what they have,
16 it's behind all the magazines. That would be the west
17 side of all the magazines. There's a couple of nice
18 chairs that you can sit, because I took time and
19 cleaned them out and put them all together.

20 MS. COLLIER: Thank you. Yeah, we can
21 certainly --

22 MR. KROGULSKI: It's pretty good. It's a lot
23 easier to sit there in the chair then.

1 MS. COLLIER: Okay. Thank you. I'll do that,
2 but -- anybody else? Yes.

3 MS. MATHIAS: Okay. Denise Mathias (phonetic),
4 and I live on the same street. My neighbors are here
5 also. I have a young child who plays outside all the
6 time. And, I mean, we're fairly close to the site
7 here. What happens when our whole neighborhood, if it
8 has to be dug up, with these children? Parks or
9 neighbor friends, how dislocated and inconvenienced are
10 we going to be as far as your kid can't ride his bike
11 to his friend's house because the neighbors are dug up
12 and -- you know, what do we do during that phase?

13 MS. COLLIER: So typically, and this is just a
14 typical cleanup, they sample front, back, side yards
15 and determine what areas need to be, should be cleaned
16 up. So not everybody's, you know, yard gets cleaned up
17 front, back and sides. It just really depends on where
18 the contamination is.

19 They don't clean up underneath
20 sidewalks, because sidewalks are an impermeable
21 barrier, and so are driveways. So really your yard is
22 what is at stake here. And, I mean, for me, I would be
23 so sad if my yard had to get cleaned up, you know, but

1 it is a risk. So you kind of have to take it. So, I
2 mean, I'm not going to lie. It would be an
3 inconvenience, but it won't -- typically, I believe,
4 these get cleaned up fairly quickly. I mean, they
5 wouldn't work on your house and 10 other houses and not
6 start and finish them at the same time, so they
7 wouldn't start and let you sit for three months and
8 come back. It's -- you know, they're there from
9 beginning to end.

10 MS. MATHIAS: Because there's a school and
11 everything. I mean, you know, and I mean, like kids
12 walk to and from the school. I mean --

13 MS. COLLIER: Sure.

14 MR. HICKS: I think you're -- she is my
15 neighbor. Anyway, her kids are young, and I know when
16 I was young, you dug a hole, you made a mound of dirt,
17 and guess who was playing in it. I was.

18 MS. COLLIER: Of course.

19 MR. HICKS: And, I, mean, put it in their mouth
20 or -- we all did that. I mean, is they're going to be
21 attracted to that.

22 MS. COLLIER: Yes.

23 MR. HICKS: Look, there's a machine in the

1 guy's yard. He's got no dirt. You know they're going
2 to go there regardless of what they get in.

3 MS. MATHIAS: It's a safety issue.

4 MS. COLLIER: We or our contractors do
5 residential cleanups regularly, and they are very
6 versed on how to do this properly in the residential
7 neighborhoods. It's not a construction site where you
8 can just willy-nilly -- not that they do, but you know,
9 there's a lot more area maybe to manage your people and
10 store things. I mean, we're talking about people's
11 yards. So I haven't really ever heard of a scenario
12 where there was a safety problem. What I hear is I
13 can't stand that I have to like come home and my yard
14 is a mud pit. Like when is this going to go away when
15 it rains. But it does take a bit of time, but it
16 happens, you know, fast enough where that they are
17 going to excavate, backfill, seed and plant. So you'll
18 have to wait for the seed and plant or the sod, you
19 know, you have to water, you know, or we'll have to
20 water, however it goes. We haven't quite gotten that
21 far yet and, you know, it's going to be a big project
22 when we're talking this many homes.

23 So it is going to be an inconvenience.

1 I mean, I just can't stand here and say it's not. You
2 know, hopefully, we can minimize that as much as
3 possible to make sure everybody feels like at the end
4 of the day we're protecting your family and you will
5 have your yards back, and it better be good or I'll be
6 mad. So I promise to try to -- as we work our way
7 through this and you get to the design phase, we'll
8 have a lot more information on how it's going to go.
9 You know, we're a little early on for some of the
10 specifics of what would be cleaned up, you know, my
11 planter beds, my trees, you know, what kind of things.
12 So I hope that answers your question.

13 Ken.

14 MR. KROGULSKI: I'll be brief. Is there anyone
15 here who hadn't gotten dug up when the Superfund site
16 was on? Anybody?

17 Some people may get a double yard then,
18 because the UEC was a Superfund site. There were yards
19 that were dug up and reseeded and planted, so maybe
20 somebody is going to get a double.

21 MS. COLLIER: They have already been cleaned
22 then.

23 MR. KROGULSKI: Find out if this was a

1 Superfund and you can maybe hit about 20 or 30.

2 MS. COLLIER: Those are the new view, right?

3 Yes.

4 MR. KASAP: On a scale of one to ten, what are
5 we looking at is the importance? As we found earlier
6 today in your presentation, in 2003 the federal
7 government felt that this was a Superfund site. You
8 have gone through the mechanics tonight explaining to
9 us as to what may happen, but you have really not sat
10 down with the company to find out who's going to pay
11 for what and what is going to be paid for and how the
12 mitigation. So with that said, where are we at with
13 the degree of public health here in LaSalle from one to
14 ten? Is there anybody here on the panel that can kind
15 of give me -- I'm putting you on the spot specifically.

16 MS. COLLIER: I will pass that to Eric Morton.

17 MR. KASAP: It has to be somebody over there.

18 MR. MORTON: Based on the results that the
19 testing has done so far, there's no evidence that
20 there's an immediate threat.

21 MR. KASAP: One to 10.

22 MR. MORTON: On a one to ten, I don't have a
23 one to ten. I have never been to a ten site. I'm

1 pretty sure I know what a one site is, but I don't know
2 what a ten or a nine is, so I can't give you an example
3 of what it is on a scale of one to ten based on the
4 results that we have in those residential yards. As
5 Demaree said, there appears to be a level of hazard,
6 and some of the properties are going to be addressed.
7 And one of the things that is important to realize on
8 the calculations, they're based on long-term, chronic
9 exposure. They are based on 30 years of exposure.
10 They're not indicative of an immediate go out there and
11 play there once in the mud or twice over a summer and
12 you have a problem. It's long term, repetitive, you
13 live there, boom, boom, boom, all the time.

14 There are some very conservative
15 assumptions that we have to -- that are done to provide
16 a generic estimate of what residence is. We can't ask
17 each and every one what do you do, so we have to make
18 up what a resident does. But there's no indication
19 that there's an immediate threat, so there's going to
20 be some long-term issues that have to be addressed, but
21 there's not an immediate long-term -- immediate
22 short-term threat.

23 MS. COLLIER: So that's the acute -- there's no

1 acute, you touch it once and you are going to have some
2 kind of, you know, adverse side effect. It's a very
3 long-term. There's no emergency need to address this.
4 This is why it's a remedial project. It takes a longer
5 time, because it doesn't warrant immediate danger and
6 risk to public health. So this process does take a
7 while. It is, again, you know, evaluating the chronic,
8 you know, over a long time period effect.

9 MR. MORTON: And it's repeated exposure for a
10 long period of time.

11 MS. COLLIER: Exactly. And our assumptions are
12 so conservative, you know, that it's like 12 hours a
13 day, seven days a week. You know, we use -- we go so
14 conservative so that we don't miss that borderline.
15 You know, we really -- we did it for this site in
16 particular. We really used a lot of conservative
17 assumptions about how much and -- how much -- you know,
18 how much do you inhale, ingest, how much do you touch,
19 how long, you know, so it's a very conservative
20 assumption.

21 MR. KROGULSKI: I'm going to make one more
22 comment, and then I am going to sit down, but the
23 critical -- in the DeGroot site assessment, which I

1 believe was '95, and this is a quote, no threat to
2 human health or environment to warrant a critical
3 circle of remediation. A critical. So that --

4 MS. COLLIER: That's the same as emergency.

5 MR. KROGULSKI: Yes, but that was a quote out
6 of that book, so --

7 MS. COLLIER: Okay. Yeah, there is no
8 immediate, you know. And we did, like I said, have a
9 removal program a couple of times of what we considered
10 immediate threats, and that was -- that was within and
11 on the plant site, you know, by the rolling mill.

12 Yes.

13 MR. SHINNICK: I'd like to talk about the
14 groundwater.

15 MS. COLLIER: Name again, please.

16 MR. SHINNICK: Tim Shinnick. It's my
17 understanding nobody in the city of LaSalle can have a
18 well because of contaminated groundwater. What about
19 the farmers in the outlying areas? You know, is there
20 any kind of information, you know, how far out it goes,
21 who is affected?

22 MS. COLLIER: Sure. So we have -- when we did
23 the investigation, we put in various monitoring wells

1 that go to different depths throughout the aquifer,
2 which is shallow, that measure shallow depth. There's
3 some deeper ones that measure deeper depths. The
4 groundwater at the site, because of the geology and the
5 hydrology of the soil, it's not considered potable.
6 You know, the groundwater aquifer is a lot of
7 disconnected, disjointed parts. So overall the
8 State -- not because of the contamination but because
9 of the kind of aquifer this is, the State designated it
10 as not potable. So it wasn't because of the
11 contamination. It was because it's not drinkable.
12 There's numerous things, but a lot of it was maybe
13 disconnected aquifers. You couldn't pump enough to get
14 any real viable amount of water out of the well.

15 MR. SHINNICK: What kind of depth level is
16 that? How deep is that?

17 MS. COLLIER: Um, does anybody recall how deep?
18 On the written -- um, is it less than -- it's less than
19 50. I know we collected groundwater in what we call a
20 shallow which is less than 10 feet, because we had what
21 is called two water bearing zones. The first water
22 bearing zone was 10 feet or less, and the second water
23 bearing zone I think went down to maybe close to 50.

1 And that first water bearing zone we knew right away
2 that is not going to be a usable aquifer. You can't
3 get any water out of it. There's nothing to be had
4 there. The second water bearing zone had a little bit
5 more water but not -- not enough where you could -- you
6 could pump -- I don't think -- we didn't install a well
7 that went down to 200 feet. We kind of used what the
8 realistic two water bearing zones that a person would
9 get groundwater from.

10 So the City of LaSalle has an ordinance
11 that nobody can put in a well. The Illinois -- or
12 the -- then we went through the State of Illinois and
13 we asked for a water -- an aquifer designation. So if
14 you have a Class 1 aquifer, that means it's drinkable.
15 Everybody should be able to drink it if they want to.
16 The State made the decision based upon you couldn't get
17 enough groundwater, they were not connected, there were
18 too many -- I can't remember whether it was sand or if
19 it was gravel, but there just wasn't a viable aquifer,
20 so the State made a designation that nobody can use
21 this aquifer to drink, nor can any industrial -- it
22 doesn't have any purpose. It's called Class 2 or --
23 MR. MORTON: It's just not potable.

1 MS. COLLIER: It's not potable. It's not
2 drinkable.

3 So as far as the agricultural,
4 everything drains towards the river. I can tell you
5 that. Our geology is pretty easy as far as like we're
6 kind of up high, everything goes like this
7 (indicating). So whatever groundwater we have
8 eventually hits the river. There might be a couple of
9 little spots that kind of go off here or there, but we
10 don't -- we don't have a plan to do anything, you know,
11 to treat the groundwater because nobody can use it. So
12 there's no risk from the groundwater. It would be, you
13 know, not something that could potentially cause --
14 there's what we call institutional control on this, on
15 the land that is in direct contact with the
16 groundwater. As far as farmland and everything else
17 goes, they may have, you know, groundwater that for
18 their areas could be designated differently, but for
19 our particular area it's designated as nonpotable. And
20 if you want more information, you can give me -- if you
21 want to have kind of a side talk, because I don't have
22 any of the boring logs in front of me, but I can give
23 you more if you're interested.

1 Anybody else?

2 UNIDENTIFIED: The zinc that was mined in our
3 area, I have been told there was a lot of mined caverns
4 that run out from underneath LaSalle?

5 MS. COLLIER: Yeah, north of LaSalle.

6 UNIDENTIFIED: Is that going to have any effect
7 on groundwater or anything like that?

8 MS. COLLIER: It should not. You know, I know
9 there was a coal mine or two on site. We have not ever
10 been able to find that on site, but the records show
11 there was a coal mine, and I know that LaSalle had a
12 couple of almost sink holes I think in the area maybe
13 that a house or two might have kind of dipped into. I
14 can't quite remember, it was a while back. But the
15 groundwater shouldn't have any impact because those are
16 already there. They are really part of the hydrology
17 or geology of what exists. So, really, what we're
18 talking about is groundwater around the site and how,
19 you know, could that ever cause a risk, and the answer
20 is no, especially if people are going to continue to
21 monitor that and make sure that there's nothing
22 changing.

23 UNIDENTIFIED: So the zinc wasn't mined here?

1 MS. COLLIER: The zinc, the zinc ore was mined
2 I believe on site for a while. Does that ring a bell
3 to anybody?

4 MR. KASAP: No.

5 MS. COLLIER: No, it wasn't? No, the coal was
6 mined on site. The zinc was shipped in. The zinc was
7 shipped in from --

8 MR. CARUS: Wisconsin.

9 MS. COLLIER: -- Missouri -- Wisconsin? Okay.
10 Those are two states that have a lot of zinc. Sorry
11 about that.

12 UNIDENTIFIED: Okay. Thank you.

13 MS. COLLIER: If no one else has any other
14 questions -- we have one more.

15 MR. WISGOWSKI: One more. Gene Wisgowski again
16 for the third time.

17 These people here will be aware of the
18 hazards because of this meeting, and probably their
19 children will be aware of the hazards, but two
20 generations from now I can foresee that there will
21 be -- and these contaminants, if I understand
22 correctly, the remedy is not to remove the contaminated
23 material but to move it around and consolidate it, and

1 it stays on site. So I can see two generations from
2 now they will be building schools on it and playgrounds
3 and condominiums.

4 MS. COLLIER: So when we make the -- we call it
5 a contamination consolidation area. We put long-term
6 institutional controls on that, which basically means
7 we'll say what is restricted. So we'll restrict
8 building. We'll restrict, you know, putting any kind
9 of structure on it. We'll restrict what can be placed
10 on there, because it's only going to be cleaned up to
11 industrial standards, so it can never be used for
12 schools, playgrounds, houses, nothing like that, unless
13 somebody purchases it and says I want to clean this up
14 more, because I want to build a school here. So there
15 are all kinds of restrictions that get placed on all of
16 this after we do our work, and then part of this is
17 every five years EPA comes and does a full evaluation
18 of the area to make sure everything is still where it
19 should be, how it should be, nothing -- there is no new
20 threats, no new contaminants, no new anything. It
21 should all still be protective of human health and the
22 environment, which is what the remedy designates us to
23 do. So I can guarantee you long after I'm gone the

1 restrictions stay with the land. It's not going to go
2 away. So there will never be a school on the M&H site
3 unless, like I say, somebody buys it and cleans it.

4 MR. HICKS: You know, my concern is that -- oh,
5 Jamie Hicks. Your map has -- you know, like a lot of
6 the people didn't get this. A lot of people aren't
7 here that probably would want to be here, and when they
8 see you've got the QU2 (sic) area where the residential
9 is, that's going to freak a lot of people out, because
10 I know it freaked me out.

11 MS. COLLIER: I can imagine that.

12 MR. HICKS: I'm right on that borderline, and I
13 know how the EPA works. I have worked with the EPA on
14 jobs as a contractor. It's not a very fast -- like
15 Frank notes. He's not even here no more, but he asked
16 if he'd ever see it, you know, before he dies. I'm
17 wondering if I'll see it before I die, and I'm 40.

18 MS. COLLIER: Sure. You know --

19 MR. HICKS: The ball don't roll fast.

20 MS. COLLIER: It does not, and I'll admit that,
21 too. You know, it does take time. We have a lot of
22 checks and balances to go through, and we have to
23 create work plans and that takes time. They take time

1 to review. They take time to do. You know, the
2 remedial program is more of a long-term EPA kind of
3 thing where our emergency removal time and critical
4 removal, they go like that (indicating), because it's
5 urgent. So this does take time.

6 MR. HICKS: How do you know if you're involved
7 or not? Like some people are here from Bucklin Street,
8 you know.

9 MS. COLLIER: Yes.

10 MR. HICKS: How do you know? Because you're
11 not really -- it's not very detailed on where these
12 homes are at, where the cutoff line is. I understand
13 you don't know how far it goes, but --

14 MR. BROWN: Earlier on you had a map that
15 showed the boundary all the way out to Peru.

16 MS. COLLIER: Yes. It could --

17 MR. BROWN: So you don't know where it's at.

18 MS. COLLIER: We don't. We don't know the
19 extent of it, and we have only sampled 200 homes, and
20 there are almost 5,000 homes that we're determining
21 right now. So during the design we will go out and
22 sample every single house, and so we can't answer the
23 question. You know, you people that live -- you can

1 assume if you live two blocks away, your house is going
2 to get sampled. If you live a mile away, you know,
3 hopefully your house will be done. If you live two
4 miles away, we don't know yet. So, you know, within a
5 mile, within kind of, you know, I would say, you know,
6 a solid, you know, three-quarters of a mile, half a
7 mile from the site, chances are you're going to get
8 sampled, especially when you go west. You know, it's
9 just really something we have to work on in the design
10 phase, and as we move through each part of the design
11 we will step out further and further and further.

12 MR. HICKS: And the same --

13 MS. COLLIER: Yes, exactly. I mean, it's
14 just -- it does take time. I mean, that's the nature
15 of the beast.

16 MR. BROWN: And I assume you will have like
17 other meetings? As this process goes, hopefully you
18 will get to that point.

19 MS. COLLIER: Yes. So --

20 MR. BROWN: You know, I'm sure as you look at
21 it, the sites and the residents, I mean, I think
22 everyone is mostly concerned about their property or
23 their neighbor's property, and we if had to look at the

1 500 million or whatever it is, the 113 million is I
2 think what people would want to see first, their own
3 properties cleaned up.

4 MS. COLLIER: Sure, yes. And I, for myself,
5 like I'm happy to come out and have an informal meeting
6 any time. You know, a public meeting like this where
7 you have to have a court reporter and the more formal
8 setting is harder to set up, because you do have to
9 have these like, you know, big strategic mass mailings
10 and things like that. But, you know, in talking
11 with -- I think it was, you know, Mr. Thompson that
12 said there's other ways to communicate to the community
13 about, well, if we want to have more of an informal
14 almost kind of a get-together where it's me and a
15 couple of people answering your questions as best as we
16 can, I'm happy to do that as often as need be. These,
17 again, are a little harder to put together, the formal
18 setting, but, you know, I just -- I don't mind. So as
19 much as we need to.

20 And I know the next thing I'll have done
21 is the record of decision, so, you know, unless
22 something drastically changes from what we presented
23 and people have a really strong opinion about one of

1 our remedies and say we don't want this at all, if
2 everything goes as presented, that will be what the
3 record and decision is. And then I'll probably come
4 back out, you know, after that and say, okay, you know,
5 we got our remedy that we're going to be working on.
6 Here's the -- the next thing we're going to be doing is
7 the design phase, and I'll probably bring my
8 contractors for the design phase so people can meet
9 them and get some feedback from the community on
10 what -- you know, whatever you guys want to express.

11 All right. Well, again, I want to thank
12 everybody. I know this was tough to get, you know,
13 everybody out considering our mailing snafu, so I
14 appreciate you guys making the time, missing the Cubs
15 game and all that kind of good stuff. So I'm not going
16 to have the score in case you want to share, but --

17 UNIDENTIFIED: No.

18 MS. COLLIER: No? Okay.

19 UNIDENTIFIED: Sox fans.

20 MS. COLLIER: All right. So, again, this is
21 going to end it, and again, you know, thank you so
22 much, and I apologize from the bottom of my heart about
23 the late mailing.

1 MS. JONES: And now the comment period is
2 officially closed, and once again, we thank you all for
3 coming out. And once again I would also like to
4 apologize again for the error with the mailing, and we
5 will work with the community to rectify the problem,
6 whether that be another mailing or an open house or
7 another meeting. So thanks again for coming out. Good
8 night.

9 (Which were all the
10 proceedings held in this
11 matter.)
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1 STATE OF ILLINOIS)
) SS:
2 COUNTY OF LASALLE)

3 I, BRENDA KAY LAUNIUS, being first duly sworn
4 on oath, say that I am a Certified Shorthand Reporter
5 doing business in the City of Ottawa, County of
6 LaSalle, Illinois; that I reported in shorthand the
7 proceedings of the public meeting on the 20th day of
8 October, 2015; and that the foregoing is a true and
9 correct transcript of my shorthand notes so taken
10 aforesaid and contains all the proceedings given in
11 said meeting.

12 IN TESTIMONY WHEREOF I have hereunto set my
13 hand and affixed my Notarial Seal this 29th day of
14 October, 2015.

15
16
17 _____
 BRENDA KAY LAUNIUS
 Certified Shorthand Reporter
 Ill. License No. 084-001462
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